

# **Health Profile Elko County, Nevada 2001**

*Bureau of Community Health  
August, 2002*

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# HEALTH PROFILE ELKO COUNTY, NEVADA, 2001

## EXECUTIVE SUMMARY

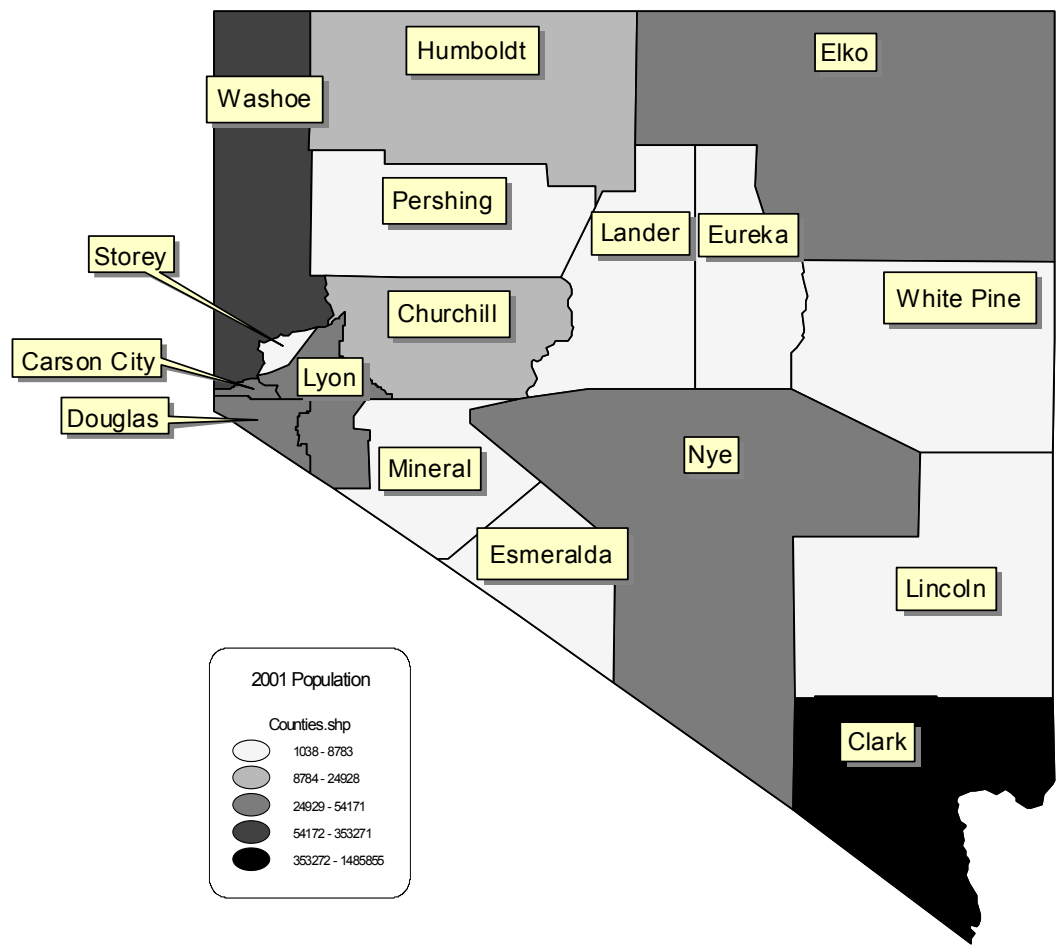
This report was prepared by the Bureau of Community Health (BCH), Nevada State Health Division. The purpose of the report is to provide information to policy makers, grant writers, medical providers, and administrators, and other parties interested in the health status of Elko County and the State of Nevada. The data is organized into sections by providing basic demographics, socioeconomic status, births, deaths, chronic diseases and risk factors, infectious diseases, injuries, preventive services for children and adults. For most health indicators, data for Elko County were compared to the statewide data and Healthy People (HP) 2010 targets.

Elko County had a 30% increases in population from 1991 to 2001. In 2001, the population of Elko County was 46,667 accounting for 2.2% of the total state population (2,132,498) of Nevada. Elko County has a higher percentage of people in the 1-17 age group and a lower percentage of people over 65, a lower rate of non-white population, and a higher median income compared to the State of Nevada. Population projections show that there will be an increase in the non-white population and the population over 65 years of age by the year 2010.

The following table is a summary of the current health status of Elko County compared with HP 2010 targets. Details can be found later in the report under the respective sections.

Health Indicators	HP 2010 Targets Met ★	HP 2010 Not Met ▲
BIRTHS	1. Teen Mothers	1. Low Birth Weight 2. Very Low Birth Weight 3. Pre-term Birth 4. Prenatal care in the 1st trimester
DEATHS	1. Infant Mortality rate 2. Neonatal infant mortality rate 3. Post-neonatal mortality rate 4. Mortality rate due to all cancers 5. Mortality rate due to trachea, bronchus, & lung cancer 6. Mortality rate due to breast cancer 7. Mortality rate due to cervical cancer 8. Mortality rate due to COPD 9. Mortality rate due to stroke 10. Mortality rate due to Diabetes Mellitus	1. Mortality rate due to colorectal cancer 2. Mortality rate due to prostate cancer
CHRONIC DISEASES MAJOR RISK FACTORS		1. Cigarette smoking rate 2. Physical inactivity rate 3. % of people trying to lose weight 4. High blood pressure rate 5. Cholesterol checking rate
INFECTIOUS DISEASES	1. AIDS 2. Chlamydia 3. Syphilis (primary & secondary) 4. Hepatitis B 5. Hepatitis C 6. Mumps 7. Rubella 8. Meningococcal disease 9. Tuberculosis	1. Gonorrhea 2. Campylobacteriosis 3. Salmonellosis
INJURIES		1. Homicide 2. Suicide 3. Motor Vehicle Injuries
PREVENTIVE SERVICES USE	1. Mammogram for women 40 years and older in the preceding 2 years 2. Pap smears for adult women	1. Immunization Coverage in 2-year old children 2. Pneumococcal pneumonia vaccination for adults 3. Influenza vaccination for adults in the past 12 months

NEVADA MAP





## HEALTH PROFILE DEMOGRAPHICS

### 2001 DEMOGRAPHICS

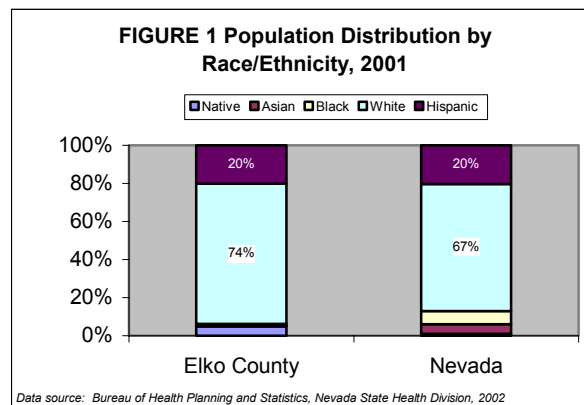
Population in 2001:	Elko County	46,667
	Nevada	2,132,498
Percent of total Nevada population:		2.2%
Population density (people per square mile):	Elko County	3
	Nevada	18

Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002

**TABLE 1 Population by Gender, Age Group, and Race/Ethnicity, 2001**

		Elko County		Nevada	
		Population	% of Total Population	Population	% of Total Population
GENDER	Male	24,313	52%	1,086,325	51%
	Female	22,354	48%	1,046,173	49%
	<b>Total</b>	<b>46,667</b>	<b>100%</b>	<b>2,132,498</b>	<b>100%</b>
AGE GROUP	<1	746	2%	31,028	1%
	1-17	14,400	31%	515,040	24%
	18-64	28,764	62%	1,352,890	63%
	65+	2,758	6%	233,541	11%
	<b>Total</b>	<b>46,668</b>	<b>100%</b>	<b>2,132,499</b>	<b>100%</b>
RACE/ETHNICITY	Native	2,256	5%	23,015	1%
	Asian	361	1%	106,104	5%
	Black	270	1%	145,888	7%
	White	34,394	74%	1,422,260	67%
	Hispanic	9,386	20%	435,232	20%
	<b>Total</b>	<b>46,667</b>	<b>100%</b>	<b>2,132,499</b>	<b>100%</b>

Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002



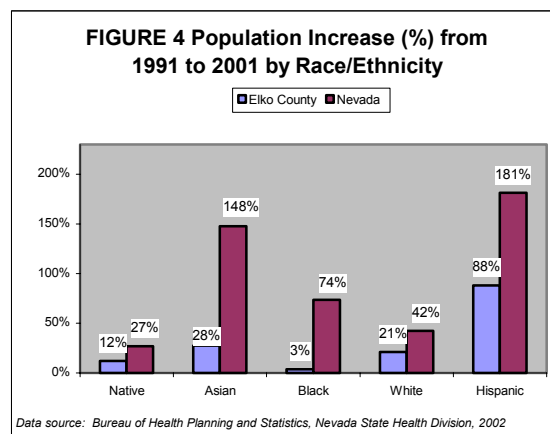
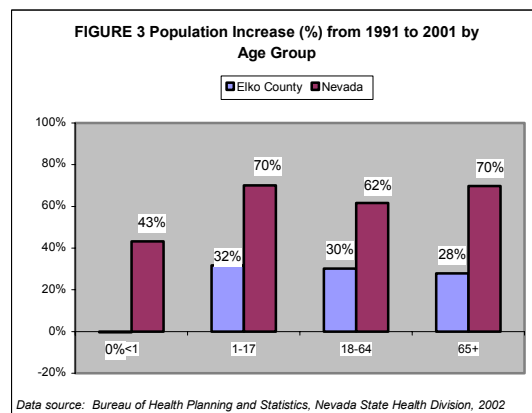
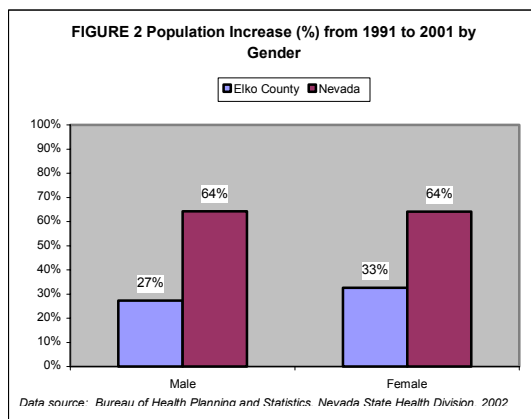
- Elko County had a similar distribution by gender compared to the State of Nevada in 2001.
- Elko County had a higher percentage of population with an age of 1-17 (31%) compared to the State of Nevada (24%) and a lower percentage of the population age over 65 (6%) compared to the State of Nevada (11%) in 2001.
- Elko County had a lower rate of non-white population (26%) compared with the State of Nevada (33%) in 2001.

## 1991 - 2001 POPULATION CHANGE

**TABLE 2 Population Change from 1991 to 2001 by Gender, Age Group, and Race/Ethnicity**

		Elko County			Nevada		
		1991	2001	% Increase	1991	2001	% Increase
GENDER	Male	19,098	24,313	27%	661,625	1,086,325	64%
	Female	16,852	22,354	33%	637,735	1,046,173	64%
	<b>Total</b>	<b>35,950</b>	<b>46,667</b>	<b>30%</b>	<b>1,299,360</b>	<b>2,132,498</b>	<b>64%</b>
AGE GROUP	<1	749	746	0%	21,660	31,028	43%
	1-17	10,936	14,400	32%	302,839	515,040	70%
	18-64	22,107	28,764	30%	837,255	1,352,890	62%
	65+	2,158	2,758	28%	137,606	233,541	70%
	<b>Total</b>	<b>35,950</b>	<b>46,668</b>	<b>30%</b>	<b>1,299,360</b>	<b>2,132,499</b>	<b>64%</b>
RACE/ETHNICITY	Native	2,016	2,256	12%	18,163	23,015	27%
	Asian	283	361	28%	42,818	106,104	148%
	Black	261	270	3%	84,032	145,888	74%
	White	28,401	34,394	21%	999,544	1,422,260	42%
	Hispanic	4,989	9,386	88%	154,803	435,232	181%
	<b>Total</b>	<b>35,950</b>	<b>46,667</b>	<b>30%</b>	<b>1,299,360</b>	<b>2,132,499</b>	<b>64%</b>

Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002



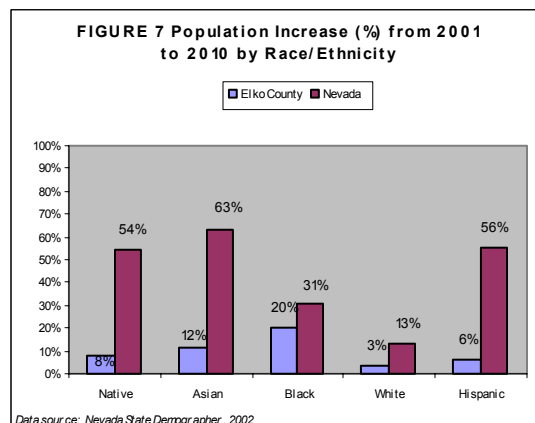
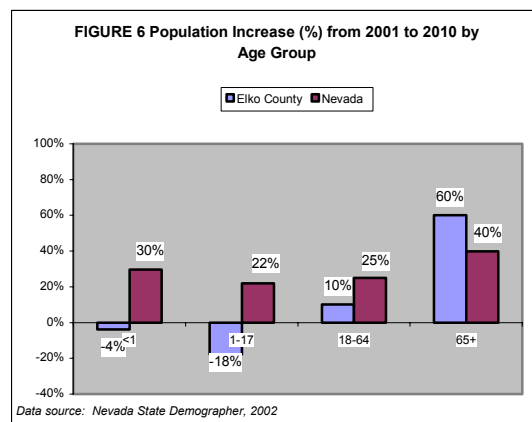
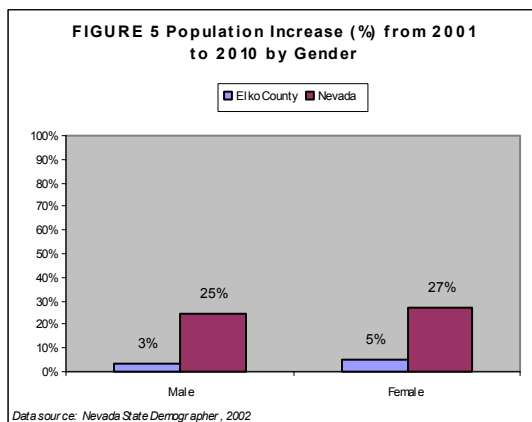
- From 1991-2001, Elko County had a lower population increase rate (30%) compared to the State of Nevada (64%).
- The race/ethnic group with the greatest increase has been the Hispanic population (88%).

### 2001 - 2010 POPULATION PROJECTIONS

**TABLE 3 Population Projected Change from 2001 to 2010 by Gender, Age Group, and Race/Ethnicity**

		Elko County			Nevada		
		2001	2010	% Increase	2001	2010	% Increase
GENDER	Male	24,313	25,069	3%	1,086,325	1,356,489	25%
	Female	22,354	23,553	5%	1,046,173	1,328,363	27%
	<b>Total</b>	<b>46,667</b>	<b>48,622</b>	<b>4%</b>	<b>2,132,498</b>	<b>2,684,853</b>	<b>26%</b>
AGE GROUP	<1	746	717	-4%	31,028	40,232	30%
	1-17	14,400	11,833	-18%	515,040	628,131	22%
	18-64	28,764	31,659	10%	1,352,890	1,689,759	25%
	65+	2,758	4,413	60%	233,541	326,731	40%
	<b>Total</b>	<b>46,668</b>	<b>48,622</b>	<b>4%</b>	<b>2,132,499</b>	<b>2,684,853</b>	<b>26%</b>
RACE/ETHNICITY	Native	2,256	2,441	8%	23,015	35,517	54%
	Asian	361	403	12%	106,104	172,683	63%
	Black	270	325	20%	145,888	190,606	31%
	White	34,394	35,474	3%	1,422,260	1,608,666	13%
	Hispanic	9,386	9,979	6%	435,232	677,380	56%
	<b>Total</b>	<b>46,667</b>	<b>48,622</b>	<b>4%</b>	<b>2,132,499</b>	<b>2,684,853</b>	<b>26%</b>

Data source: Nevada State Demographer, 2002



- Population projections for 2010 predict that Elko County will grow at a lower rate (4%) than the State of Nevada (26%).
- Population projections for 2010 predict that all non-white populations will increase and the number under 18 years of age will decrease while the number over 18 will increase. The largest increase will be among those over age 65.

## SOCIOECONOMIC STATUS

TABLE 4 Socioeconomic Status

		Elko County	Nevada
Households (2000) <sup>1</sup>	Total households (2000) <sup>3</sup>	15,638	751,165
	Family households (families) (%) <sup>4</sup>	73%	66%
	Nonfamily households (%) <sup>5</sup>	27%	34%
	Households with individuals under 18 years (%)	46%	35%
	Households with individuals 65 years and over (%)	13%	21%
	Average household size <sup>6</sup>	2.85	2.62
Income (2000)	Median household income	\$49,822.00	\$39,280.00
	People of all ages in poverty (%) <sup>8</sup>	7%	11%
Unemployment rate (%) <sup>2</sup>	2001	6	5.3
	2000	4.5	4.1
	1999	5.3	4.4

Data source: <sup>1</sup> US Census Bureau, Census 2000

<sup>2</sup> Nevada Department of Employment, 2002

Note:

<sup>3</sup>A household includes all of the people who occupy a housing unit. People not living in households are classified as living in group quarters.

<sup>4</sup>A family includes a householder and one or more people living in the same household who are related to the householder by birth, marriage, or adoption. All people in a household who are related to the householder are regarded as members of his or her family.

<sup>5</sup>A householder living alone or with nonrelatives only.

<sup>6</sup>A measure obtained by dividing the number of people in households by the total number of households (or householders).

<sup>7</sup>Represents 90% confidence interval

<sup>8</sup>Poverty can be determined based on the poverty thresholds (see technical notes for POVERTY)

- Elko County had a higher percentage of households (73%) compared to the State of Nevada (66%) in 2000 with a greater percentage of the households with individuals under 18 years (46%) compared to the State of Nevada (35%).
- The median household income in Elko County was higher than in the State of Nevada in 2000.

## BIRTHS

TABLE 5 Births, 1999-2001

	1999		2000		2001		Healthy People 2010 Targets
	Elko County	Nevada	Elko County	Nevada	Elko County	Nevada	
Total births	642	28,911	537	30,130	638	31,297	No target
Births by race/ethnicity							
Native	24	380	28	372	31	399	No target
Asian	<sup>6</sup> NA	1,586	7	1,894	7	2,031	No target
Black	<sup>6</sup> NA	2,077	<sup>6</sup> NA	2,255	<sup>6</sup> NA	2,389	No target
White	465	15,244	371	15,303	435	15,264	No target
Hispanic	146	9,153	128	10,007	161	10,831	No target
Other	0	471	<sup>6</sup> NA	299	0	383	No target
LBW (%) <sup>1</sup>	6.4%	7.6%	6.5%	7.2%	6.6%	7.6%	5.0% ▲
VLBW (%) <sup>2</sup>	0.8%	1.2%	0.9%	1.3%	0.9%	1.0%	0.9% ▲
Preterm births (%) <sup>3</sup>	8.3%	10.2%	9.7%	9.8%	8.0%	10.0%	7.6% ▲
Teen mothers (per 1,000) <sup>4</sup>	46.7	48.2	42.8	44.3	28.2	40.8	43 ★
Older mothers (%) <sup>5</sup>	1.2%	2.2%	1.5%	2.1%	2.4%	2.3%	No target
Unmarried mothers (%)	23.2%	33.4%	21.6%	34.0%	16.1%	32.2%	No target
Prenatal care in 1 <sup>st</sup> trimester (%)	63.9%	68.7%	62.8%	70.6%	69.4%	72.4%	90.0% ▲

Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002

Note:

<sup>1</sup>LBW: Low Birth Weight (<2,500 grams);<sup>2</sup>VLBW: Very Low Birth Weight (<1,500 grams);<sup>3</sup>Preterm births: Births are <37 weeks of gestation;<sup>4</sup>Teen mothers: Mother's age is younger than 18 years old;<sup>5</sup>Older mothers: Mother is older than 40;<sup>6</sup>NA indicates data that is unavailable due to cell size less than 5. See technical notes for data confidentiality.

★ Indicates "HP 2010 target was met" for 2001 for the county

▲ Indicates "HP 2010 target was not met" for 2001 for the county

- The total births for residents of Elko County in 2001 accounted for 2.0% of the total births in Nevada.
- The HP 2010 target for teen mothers per 1,000 live births was met by Elko County and the State of Nevada in 2001.
- The HP 2010 targets for LBW, VLBW, preterm births, and prenatal care in the first trimester were not met by Elko County or the State of Nevada in 2001.

## DEATHS

TABLE 6 Infant Death Rates per 1,000 Live Births, 1999-2001

Cause of Death	1999		2000		2001		Healthy People 2010 Targets
	Elko County	Nevada	Elko County	Nevada	Elko County	Nevada	
Infant mortality rate <sup>1</sup>	7.8	6.6	9.3	6.5	1.6	5.7	4.5 ★
Neonatal infant mortality rate <sup>2</sup>	6.2	3.9	5.6	4.0	1.6	2.9	2.9 ★
Post-neonatal mortality rate <sup>3</sup>	1.6	2.7	3.7	2.4	0.0	2.7	1.2 ★

Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002

<sup>1</sup> Within the first year<sup>2</sup> Within the first 28 days of life<sup>3</sup> Between 28 days of life and 1 year

TABLE 7 Age-adjusted Mortality Rates per 100,000 Population, 1999-2001

Cause of Death	1999		2000		2001		Healthy People 2010 Targets
	Elko County	Nevada	Elko County	Nevada	Elko County	Nevada	
Diseases of the heart	189.6	267.8	226.5	246.3	198.4	257.4	No target
All Cancers	138.5	200.9	201.4	204.5	150.8	203.5	159.9 ★
Trachea, Bronchus, & Lung	43.1	62.5	65.8	62.8	38.9	63.0	44.9 ★
Breast	<sup>1</sup> NA	25.9	37.0	25.8	4.6	24.8	22.3 ★
Cervical	0.0	2.4	0.0	3.4	0.0	2.9	2.0 ★
Colorectal	<sup>1</sup> NA	21.7	40.9	23.6	16.9	22.0	13.9 ▲
Prostate	<sup>1</sup> NA	28.8	<sup>1</sup> NA	25.1	44.6	30.1	28.8 ▲
CLRD*	30.9	63.7	50.8	59.1	0.0	0.0	60.0 ★
Stroke	25.9	57.2	31.5	54.0	28.6	55.3	48.0 ★
Diabetes Mellitus	22.7	16.9	<sup>1</sup> NA	14.5	17.1	17.3	45.0 ★
Influenza and Pneumonia	<sup>1</sup> NA	22.1	<sup>1</sup> NA	21.2	32.2	22.4	No target
All Deaths	675.4	914.1	797.3	881.3	785.9	923.4	No target

Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002

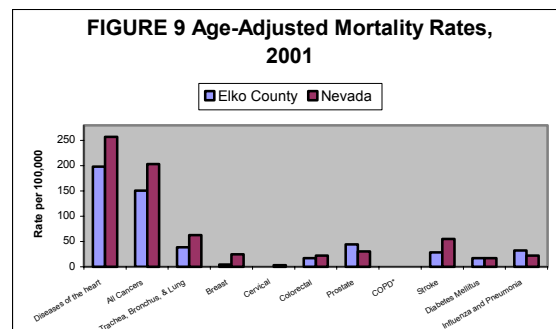
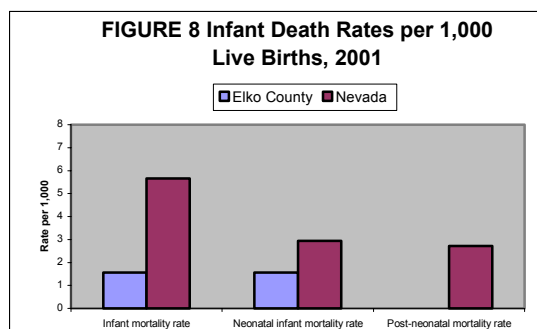
Age adjusted to the year 2000 standard population for all rates and 2010 targets

<sup>1</sup>NA indicates data that is unavailable due to cell size less than 5. See technical notes for data confidentiality.

★ Indicates "HP 2010 target was met" for 2001 for the county

▲ Indicates "HP 2010 target was not met" for 2001 for the county

\* CLRD: Chronic Lower Respiratory Disease



- The HP 2010 objectives for age-adjusted mortality rates for infant mortality, neonatal infant mortality, post-neonatal mortality, all cancers, trachea, bronchus, and lung cancer, cervical cancer, prostate cancer, and stroke were met by Elko County, but not the State of Nevada in 2001.
- The HP 2010 objectives for age-adjusted mortality rates for colorectal cancer, and prostate cancer were not met by Elko County or the State of Nevada in 2001.
- In 200 the HP 2010 objectives for age-adjusted mortality for chronic lower respiratory disease and diabetes mellitus were met in Elko County and the State of Nevada.

TABLE 8 Top Ten Causes of Death by Age Group for the Two-Year Period (1999-2000)

	Ranking	Age Group					
		< 1	1-14	15-24	25-44	45-64	> 65
ELKO COUNTY RESIDENTS	Total Deaths	10	7	9	36	94	237
	1 <sup>st</sup>	Others <sup>2</sup>	Unintentional Injuries	Unintentional Injuries	Unintentional Injuries	Cancer	Heart Disease
	2 <sup>nd</sup>	Cancer	Others <sup>2</sup>	Suicide	Heart Disease, Suicide	Heart Disease	Cancer
	3 <sup>rd</sup>		Homicide	Influenza and Pneumonia	Others <sup>2</sup>	Others <sup>2</sup>	Others <sup>2</sup>
	4 <sup>th</sup>				Stroke, Cancer	Unintentional Injuries	Respiratory Disease <sup>3</sup>
	5 <sup>th</sup>				Homicide	Suicide	Stroke
	6 <sup>th</sup>					Respiratory Disease <sup>3</sup>	Alzheimer's disease, Unintentional Injuries
	7 <sup>th</sup>					Diabetes, Homicide	Influenza and Pneumonia
	8 <sup>th</sup>					Kidney Disease <sup>5</sup> , Septicemia, Influenza and Pneumonia, Stroke	Diabetes
	9 <sup>th</sup>						Suicide
	10 <sup>th</sup>						Septicemia
NEVADA RESIDENTS	Total Deaths	386	180	406	2,081	6,562	20,083
	1 <sup>st</sup>	Others <sup>2</sup>	Unintentional Injuries	Unintentional Injuries	Unintentional Injuries	Cancer	Heart Disease
	2 <sup>nd</sup>	Unintentional Injuries	Others <sup>2</sup>	Homicide, Suicide	Others <sup>2</sup>	Heart Disease	Cancer
	3 <sup>rd</sup>	Heart Disease	Heart Disease, Homicide, Cancer	Others <sup>2</sup>	Suicide	Others <sup>2</sup>	Others <sup>2</sup>
	4 <sup>th</sup>	Septicemia	Septicemia	Cancer	Heart Disease	Unintentional Injuries	Respiratory Disease <sup>3</sup>
	5 <sup>th</sup>	Homicide, Influenza and Pneumonia	Suicide	Heart Disease	Cancer	Liver Disease <sup>4</sup>	Stroke
	6 <sup>th</sup>	Stroke	Influenza and Pneumonia, Stroke, Respiratory Disease <sup>3</sup>	Influenza and Pneumonia	Homicide	Respiratory Disease <sup>3</sup>	Influenza and Pneumonia
	7 <sup>th</sup>	Cancer, Kidney Disease <sup>5</sup>	Kidney Disease <sup>5</sup>	Diabetes, Septicemia	HIV	Suicide	Kidney Disease <sup>5</sup>
	8 <sup>th</sup>	Respiratory Disease <sup>3</sup> , HIV		HIV, Stroke, Respiratory Disease <sup>3</sup>	Liver Disease <sup>4</sup>	Stroke	Septicemia
	9 <sup>th</sup>			Liver Disease <sup>4</sup>	Stroke	Diabetes	Alzheimer's Disease
	10 <sup>th</sup>				Diabetes	Septicemia	Diabetes

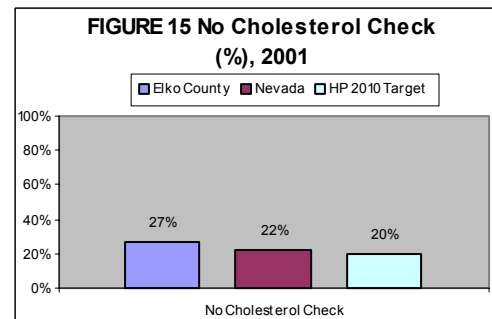
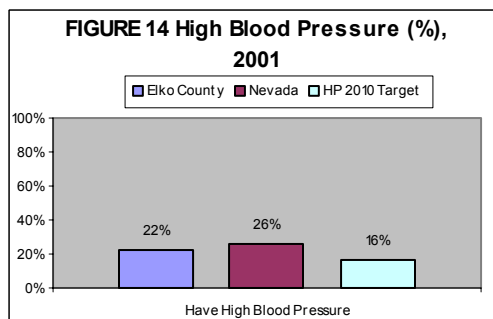
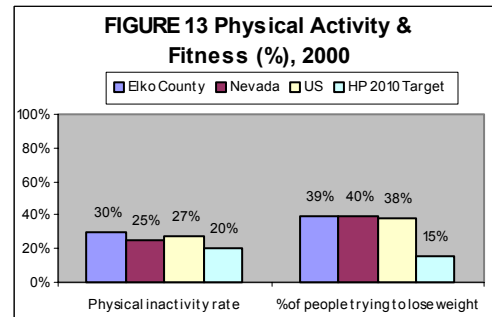
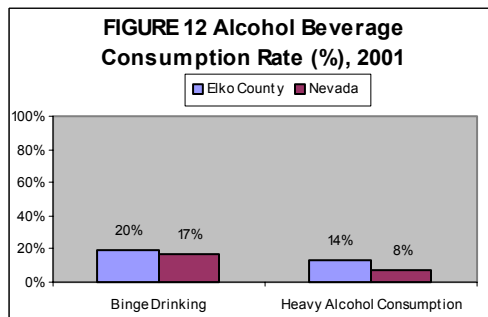
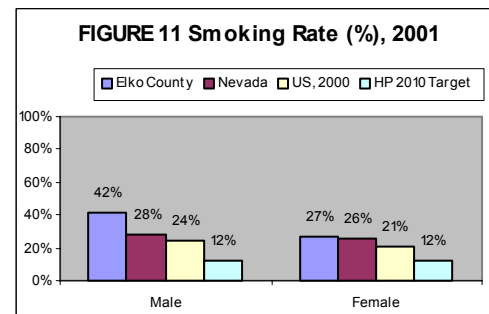
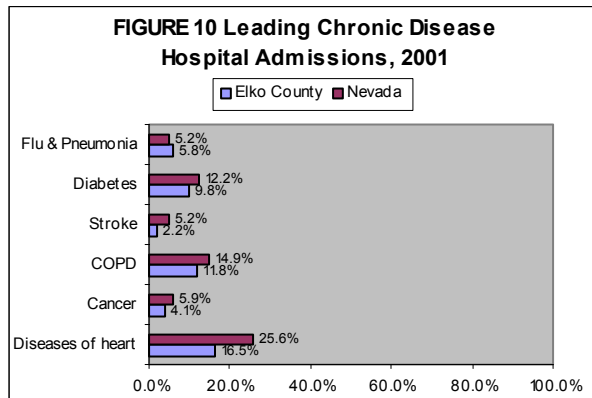
Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002

Note:

<sup>1</sup> NA\* indicates data that is unavailable due to cell size less than 5. See technical notes for data confidentiality.<sup>2</sup> Others\* represents causes of death other than the 15 leading causes of death including heart disease, cancer, stroke, chronic lower respiratory disease, accidents, influenza and pneumonia, diabetes mellitus, HIV diseases, suicide, chronic liver diseases and cirrhosis, nephritis, nephrotic syndrome and nephrosis, septicemia, Alzheimer's Disease, homicide & legal intervention, and atherosclerosis.<sup>3</sup> Respiratory Disease\* represents chronic lower respiratory diseases.<sup>4</sup> Liver Disease\* represents chronic liver disease and cirrhosis.<sup>5</sup> Kidney Disease\* represents nephritis, nephritic syndrome, and nephrosis.

- Accidents were the leading cause of death in the 1-14, 15-24 and 25-44 age groups in Elko County for 1999-2000.

## CHRONIC DISEASES: CONDITIONS AND RISK FACTORS



- In 2001, Elko County had a higher hospital admission rate for flu and pneumonia than the State of Nevada. Elko County also had a higher percentage of smokers, heavy alcohol consumers, and more who go without checking their cholesterol than those across the State of Nevada.
- In the Nevada BRFSS 2001 survey, 2,570 people (1,307 male, 1,263 female) were included. Out of the 2,570 people, 124 lived in Elko County (58 male, 66 female).
- In the Nevada BRFSS 2000 survey, 2,100 people (1,044 male, 1,056 female) were included. Out of the 2,100 people, 94 lived in Elko County (43 male, 51 female).
- For alcohol beverage consumption rate, no US nationwide data and HP 2010 targets were available
- For physical activity and fitness, no US nationwide data were available



## INFECTIOUS DISEASES

**TABLE 9 Reported Infectious Disease Case Rates per 100,000 Population, 1999-2001**

Infectious Diseases	Elko County			Nevada			Healthy People 2010 Targets	
	1999	2000	2001	1999	2000	2001		
Acquired Immunodeficiency Syndrome (AIDS)	<sup>4</sup> NA	<sup>4</sup> NA	0.0	12.1	13.3	10.5	1.0	★
Human Immunodeficiency Virus (HIV) - Not yet AIDS	0.0	<sup>4</sup> NA	0.0	9.3	13.6	12.2	Not Available	
Chlamydia	118.5	179.7	117.9	145.1	189.0	227.2	170.0 <sup>1</sup>	★
Gonorrhea	<sup>4</sup> NA	<sup>4</sup> NA	19.3	61.3	73.2	82.8	19.0	▲
Syphilis (primary & secondary)	0.0	0.0	0.0	0.2	0.2	0.4	0.2	★
Hepatitis A	0.0	<sup>4</sup> NA	<sup>4</sup> NA	6.8	4.2	3.3	4.5	
Hepatitis B	0.0	<sup>4</sup> NA	0.0	2.8	2.6	2.4	2.4-5.1 <sup>2</sup>	★
Hepatitis C	0.0	<sup>4</sup> NA	0.0	0.5	0.8	0.4	1.0	★
Mumps	0.0	0.0	0.0	0.2	0.3	0.2	0.0	★
Pertussis	0.0	0.0	<sup>4</sup> NA	0.7	0.7	1.9	See note <sup>3</sup>	
Rubella	0.0	0.0	0.0	0.0	0.0	0.0	0.0	★
Meningitis (Bacteria)	0.0	0.0	<sup>4</sup> NA	1.2	2.3	1.2	8.6	
Meningococcal disease	0.0	0.0	0.0	0.4	0.2	0.4	1.0	★
Tuberculosis	0.0	0.0	0.0	4.5	4.4	4.5	1.0	★
Campylobacteriosis	<sup>4</sup> NA	13.1	15.0	6.5	10.2	9.2	12.3	▲
<i>E. coli</i> 0157 Diarrhea	0.0	0.0	<sup>4</sup> NA	1.2	0.7	0.8	1.0	
Salmonellosis	31.6	26.3	15.0	9.4	12.4	9.5	6.8	▲

Data source: HIV/AIDS Reporting System (HARS), STD-MIS, and National Electronic Telecommunications Surveillance System (NETSS)

provided by Bureau of Community Health, Nevada State Health Division, 2002

Note: <sup>1</sup>Prevalence rate per 100,000 population for Chlamydia is HP 2000 target. No HP 2010 target for prevalence rate per 100,000 population for Chlamydia is available

<sup>2</sup>HP 2010 target is 2.4, 5.1, and 3.8 cases per 100,000 population for age groups 19-24, 25-39, and 40+, respectively.

<sup>3</sup>HP 2010 target is 2,000 cases nationwide for children under 7 years of age. No HP 2010 target rate is available

<sup>4</sup>NA indicates data that is unavailable due to cell size less than 5. See technical notes for data confidentiality.

★ indicates "HP 2010 target was met" for 2001 for the county

▲ indicates "HP 2010 target was not met" for 2001 for the county

- Data presented in the table only reflects reported cases. Some diseases such as Hepatitis may be very under-reported indicating a need for increased surveillance.
- In 2001 Elko County met HP 2010 targets for AIDS, Chlamydia, Syphilis, Hepatitis B, Hepatitis C, Mumps, Rubella, Meningococcal disease, and Tuberculosis.
- In 2001 Elko County did not meet HP 2010 targets for Gonorrhea, Campylobacteriosis, and Salmonellosis
- HP 2010 objectives were not reviewed for those infectious diseases for which in 2001 there were fewer than 5 cases. These were Hepatitis A, Pertussis, Meningitis and *E. coli*.

## INJURIES

**TABLE 10 Injury Death Rate per 100,000 Population, 1999-2001**

	Year	Elko County	Nevada	Healthy People 2010 Targets	
Homicide	1999	<sup>1</sup> NA	8.2	3.0	
	2000	0.0	6.2	3.0	★
	2001	4.1	8.8	3.0	▲
Suicide	1999	27.6	20.6	5.0	▲
	2000	28.8	19.2	5.0	▲
	2001	14.7	18.2	5.0	▲
Motor Vehicle Injuries	1999	21.9	15.0	9.2	▲
	2000	20.6	13.2	9.2	▲
	2001	25.5	15.3	9.2	▲

*Data source: Bureau of Health Planning and Statistics, Nevada State Health Division, 2002*

★ Indicates "HP 2010 target was met" for 2001 for the county

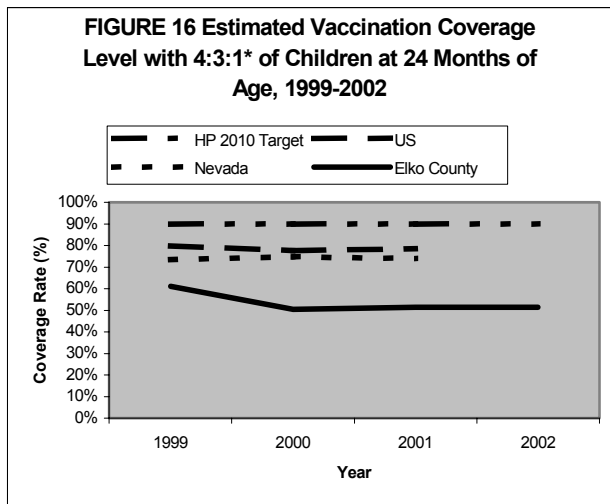
▲ Indicates "HP 2010 target was not met" for 2001 for the county

<sup>1</sup>NA indicates data that is unavailable due to cell size less than 5. See technical notes for data confidentiality.

- Death rates per 100,000 population for Elko County and Nevada and HP 2010 targets are age-adjusted rates (year 2000 standard population)
- In 2001 neither Elko County nor the State of Nevada reached HP 2010 targets for homicide, suicide, or motor vehicle injuries.

## PREVENTIVE SERVICES USE

### IMMUNIZATION COVERAGE LEVELS IN CHILDREN

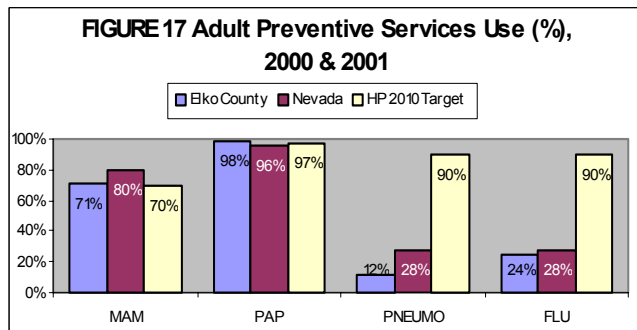


Data source: Bureau of Community Health, Nevada State Health Division, 2002

\* Four or more doses of Diphtheria and Tetanus toxoids and Pertussis vaccine, 3 or more doses Poliovirus Vaccine, and one or more doses of Measles-Mumps-Rubella vaccine

- The data for Elko County is from the public health clinic only. It does not reflect the complete vaccination coverage level in Elko County.
- The data for Nevada and the US were obtained from the National Immunization Survey for Children 19-35 months of age. Data has not yet been released for 2002.
- The Healthy People 2010 target is for children 19-35 months of age.

### ADULT PREVENTIVE SERVICES USE



Data source: Nevada State Behavioral Risk Factor Surveillance System (BRFSS), 2000 & 2001, provided by the Bureau of Health Planning and Statistics, Nevada State Health Division, 2002

Note:

MAM: Mammogram for women 40 years and older in preceding 2 years (2000 BRFSS)

PAP: Pap smears for adult women (2000 BRFSS)

PNEUMO: Pneumococcal pneumonia vaccination for adults (2001 BRFSS)

FLU: Influenza vaccination for adults in the past 12 months (2001 BRFSS)

- In the Nevada BRFSS 2001 survey, 2,570 people (1,307 male, 1,263 female) were included. Out of the 2,570 people, 124 lived in Elko County (58 male, 66 female).
- In the Nevada BRFSS 2000 survey, 2,100 people (1,044 male, 1,056 female) were included. Out of the 2,100 people, 94 lived in Elko County (43 male, 51 female).
- Elko County and the State of Nevada had very low self-reported adult vaccination coverage for influenza and pneumonia compared to the HP 2010 target

## MENTAL HEALTH

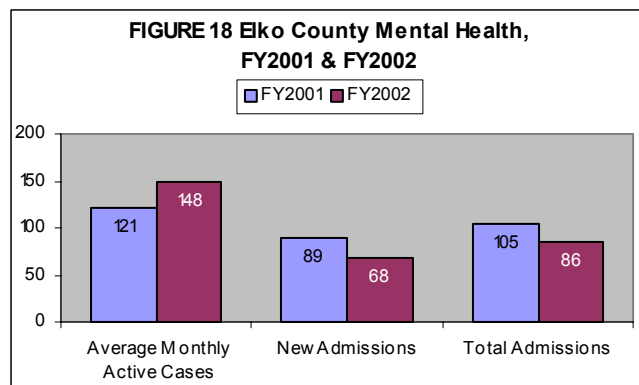
There are 18 clinics that comprise the Mental Health Rural Clinics service delivery system. Each clinic has a combination of psychiatrist(s), psychologists, clinical social workers, mental health counselors, psychiatric caseworkers, and support staff. Each clinic provides an array of mental health services on an outpatient basis such as individual, couple, and family therapy, group therapy, medication clinic, service coordination, psychological testing, psychosocial rehabilitation, housing services, emergency services, and consultation and education. Many clinics also have substance abuse counselors.

There is one Mental Health Clinic in Elko serving the Elko and Eureka Counties.

**TABLE 11 Mental Health Case Loads in Elko County, Fiscal Years 2001 & 2002**

	Fiscal Year 2001	Fiscal Year 2002
Average Monthly Active Cases	121	148
New Admissions	89	68
Total Admissions	105	86

*Data source: Division of Mental Health and Developmental Services, Rural Clinics Community Outpatient Services, 2002*



*Data source: Division of Mental Health and Developmental Services, Rural Clinics Community Outpatient Services, 2002*

## TECHNICAL NOTES

### 1. RACE AND ETHNICITY

In this report, "Native" refers to American Indian, non-Hispanic populations; "Asian" refers to Asian/Pacific Islander, non-Hispanic populations; "Black" refers to African American, non-Hispanic populations; "White" refers to White, non-Hispanic populations; "Hispanic" includes all races with a Hispanic ethnic origin. No duplicate counting exists.

### 2. POPULATION DATA

All Elko County and Nevada population data were based on the database established by the Nevada State Demographer's Office and provided by the Bureau of Health Planning and Statistics, Nevada State Health Division.

### 3. CRUDE RATE

Crude Death Rate = Number of Deaths / Population x 1,000 or 100,000

*(This rate calculation was applied to infant mortality rate, neonatal mortality rate, and post-neonatal mortality rate)*

Crude Incidence Rate = Number of New Cases of Specific Disease / Population x 100,000

*(This rate calculation was applied to the rate of infectious diseases per 100,000 population)*

### 4. AGE-ADJUSTED MORTALITY RATE

Age-Adjusted Mortality Rate = Total Expected Number of Deaths / Total Standard Population x 100,000

*(This rate calculation was applied to the mortality rate of leading causes of death and injuries in this report. Health People 2010 targets for mortality rates of leading causes of death and injuries are also age-adjusted rates. For all three-year's, 1999-2001 age-adjusted rate calculations, the age was adjusted to the year 2000 standard population.)*

### 5. DATA CONFIDENTIALITY

According to the data confidentiality policy of the Nevada State Health Division, sensitive cases (number of reported cases equal to or less than 5) are not allowed to be reported for general publication. Further information for internal use can be provided by the Bureau of Community Health upon request.

### 6. SAMPLE SIZE FOR BRFSS IN ELKO COUNTY

In the Nevada BRFSS survey, 94 and 124 Elko County residents participated in the survey in 2000 and 2001 respectively. The sample size may not be ideal to represent Elko County's population and caution should be used when interpreting BRFSS survey responses.

### 7. POVERTY

How the Census Bureau Measures Poverty

Following the Office of Management and Budget's (OMB) Statistical Policy Directive 14, the U.S. Census Bureau uses a set of money income thresholds that vary by family size and composition to determine who is poor. If a family's total income is less than that family's threshold, then that family, and every individual in it, is considered poor. The poverty thresholds do not vary geographically, but they are updated annually for inflation using the Consumer Price Index (CPI-U). The official poverty definition counts money income before taxes and does not include capital gains and noncash benefits (such as public housing, Medicaid, food stamps). Poverty is not defined for people in military barracks, institutional group quarters, or for unrelated individuals under age 15 (such as foster children). They are excluded from the poverty universe – that is, they are considered neither as "poor" nor as "nonpoor."

Source: Joseph Dalaker and Bernadette D. Proctor, U.S. Census Bureau, Current Population Reports, Series P60-210, Poverty in the United States: 1999, U.S. Government Printing Office, Washington, DC, 2000.

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